

## REMARKS

### I. PENDING CLAIMS

Claims 1-16 are currently pending in this application.

### II. REJECTION OF CLAIMS 1-16 UNDER 35 USC 103 AS BEING UNPATENTABLE OVER CRAYCROFT IN VIEW OF COOPER

On pages 2-3 of the Office Action, the Examiner asserts:

CRAYCROFT fails to disclose a controller or multiprocessing operating system instructing the execution of a plurality of application programs using respective different memory regions.

However, COOPER discloses this feature in the Abstract, paragraphs 12 and 18-20.

In response, it is respectfully submitted that the Abstract and paragraphs 12 and 18-20 of COOPER merely describe an apparatus and a method for upgrading a program.

That is, COOPER (see, for example, paragraph [0018]) merely describes the following:

When an upgrading of a first code sequence stored in a first region of a memory is to be performed, the upgrade of the first code sequence (a second code sequence) is stored in a second region of a memory.

If both the first and second code sequences are stored successfully, the code sequence with the more recent revision identifier (the second code sequence) is enabled.

If the second code sequence is not stored correctly, the first code sequence is undisturbed and is enabled.

Subsequent attempts to upgrade the first code sequence may be made until the second code sequence is stored correctly and enabled.

Therefore, COOPER merely describes enabling only one of the first code sequence and the second code sequence stored in a different region of a memory but does not describe enabling both of the first code sequence and the second code sequence at the same time.

To more clearly distinguish over COOPER, claim 1 is amended herein to recite "a controller, to be instructed by a multi-processing operating system to execute a plurality of

application programs in parallel using respective different memory regions". Somewhat similar amendments are made to claims 10 and 16.

Consequently, neither CRAYCROFT nor COOPER, taken individually or in combination, discloses or suggests the aforementioned features recited in amended claims 1, 10 and 16.

In view of the above, it is respectfully submitted that the rejection is overcome.

### III. CONCLUSION

In view of the above, it is respectfully submitted that the application is in condition for allowance, and a Notice of Allowance is earnestly solicited.

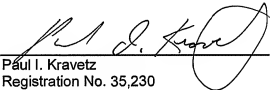
If any further fees are required in connection with the filing of this response, please charge the fees to our Deposit Account No. 19-3935.

Respectfully submitted,

STAAS & HALSEY LLP

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